

Attorney Docket No. 5000.319
Confirmation No. 2311

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Joseph J. Sumakeris
Serial No.: 10/605,312
Filed: September 22, 2003
For: METHOD TO REDUCE STACKING FAULT NUCLEATION
SITES AND REDUCE FORWARD VOLTAGE DRIFT IN
BIPOLAR DEVICES

Group Art Unit: 1733

April 30, 2004

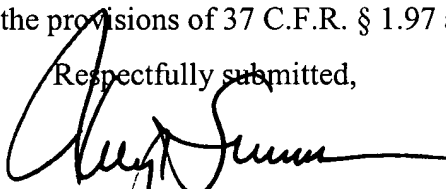
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. 1.97**

Sir:

Attached is a list of documents on Form PTO/SB/08A together with a copy of the non-patent literature documents. It is requested that the Examiner consider the listed U.S. issued patents and U.S. published applications, as well as the enclosed documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and MPEP § 609.

Respectfully submitted,



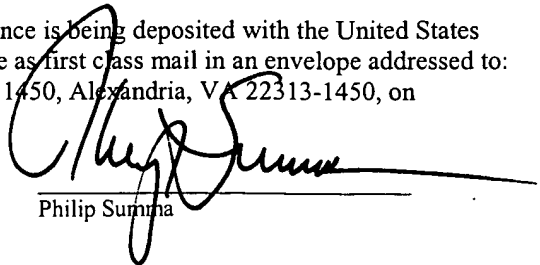
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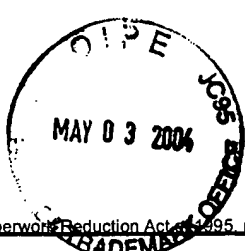
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CERTIFICATE OF MAILING

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Philip Summa



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/605,312
Filing Date	September 22, 2003
First Named Inventor	Joseph J. Sumakeris
Art Unit	1733
Examiner Name	
Attorney Docket Number	5000.319

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 2003/0080842 A1	05-01-2003	Sumakeris et al.	
	2	US- 2002/0170491 A1	11-21-2002	Mueller	
	3	US- 2002/0069818 A1	06-13-2002	Naito et al.	
	4	US- 2002/0059901 A1	05-23-2002	Vodakov et al.	
	5	US- 2002/0049129 A1	04-25-2002	Vodakov et al.	
	6	US- 2002/0038627 A1	04-04-2002	Vodakov et al.	
	7	US- 2002/0023581 A1	02-28-2002	Vodakov et al.	
	8	US- 6,562,130 B2	05-13-2003	Vodakov et al.	
	9	US- 6,534,026 B2	03-18-2003	Vodakov et al.	
	10	US- 6,508,880 B2	01-21-2003	Vodakov et al.	
	11	US- 6,428,621 B1	08-06-2002	Vodakov et al.	
	12	US- 6,297,522 B1	10-02-2001	Kordina et al.	
	13	US- 6,100,111	08-08-2000	Konstantinov	
	14	US- 6,034,001	03-07-2000	Shor et al.	
	15	US- 5,679,153	10-21-1997	Dmitriev et al.	
	16	US- 5,571,374	11-05-1996	Thero et al.	
	17	US- 5,227,034	07-13-1993	Stein et al.	
	18	US- 4,981,551	01-01-1991	Palmour	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet

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Complete if Known

Application Number

10/605,312

Filing Date

September 22, 2003

First Named Inventor

Joseph J. Sumakeris

Art Unit

1733

Examiner Name

Attorney Docket Number

5000.319

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	23	TARO NISHIGUCHI ET AL.; A Proposal for CVD Growth of 15R-SiC by Observing the Etch Pits on 15R-SiC (0001) C-face; Journal of Crystal Growth (2002); Vol. 237-239; pages 1239-1243; Elsevier Science B.V.	
	24	GLENN BEHEIM ET AL.; Deep RIE Process for Silicon Carbide Power Electronics and MEMS; Materials Research Society Symposium Proceedings; 2000; Vol. 622; pages 1-6; Materials Research Society	
	25	M. KAYAMBAKI ET AL.; Crystal Quality Evaluation by Electrochemical Preferential Etching of p-Type SiC Crystals; Journal of the Electrochemical Society (2000); Vol. 147 (7); pages 2744-2748; The Electrochemical Society, Inc.	
	26	Hiroshi NODA; Study on Surface Defects Formed on 4H-SiC Epitaxial Thin Films; pages 5-6 (2 pgs.)	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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